



Abstract

A device (strip reader) is provided for an automatic photoelectric measurement of measuring fields contained on a sheet or strip-shaped, opaque or transparent original comprising a housing, transport members for automatically pulling the original into the housing and for transporting the original along a transport path, and a spectrophotometric measurement arrangement as well as a controller in co-operation with the transport members and the measurement arrangement. The measurement arrangement is adjustable in a direction transverse to the transport direction and illuminates the measuring fields provided on the original with light of a defined quality, and receives the light remitted or transmitted from the measuring fields in dependence upon the original and converts this measuring light into electrical signals representing the spectra of the measuring fields. The controller controls the insertion and the transport of the original and converts the electrical signals generated by the measurement arrangement into digital measuring data. The measuring data are provided to an external computer via communication interfaces, preferably via the Internet or via e-mail, for further processing.